RDA WriteIMEI Tool User Guide

Catalog

1. Interface Description.....3

1.1 Main User Interface 3

1.2 Setup Interface 4

1.2.1 Setup options of writing IMEI.....4

1.2.2 Setup options of writing SN 5

1.2.3 Setup options of writing BT 6

1.2.4 Other settings.....7

2 Operation Guide.....8

2.1 Quick Start Guide 8

2.2 Instruction of production and test.....10

2.2.1 Illustration of COM Mode.....10

2.3 Language Setting 10

1. Interface Description

1.1 Main User Interface

Run WriteIMEI.exe program， the main user interface is shown as Figure 1-1.

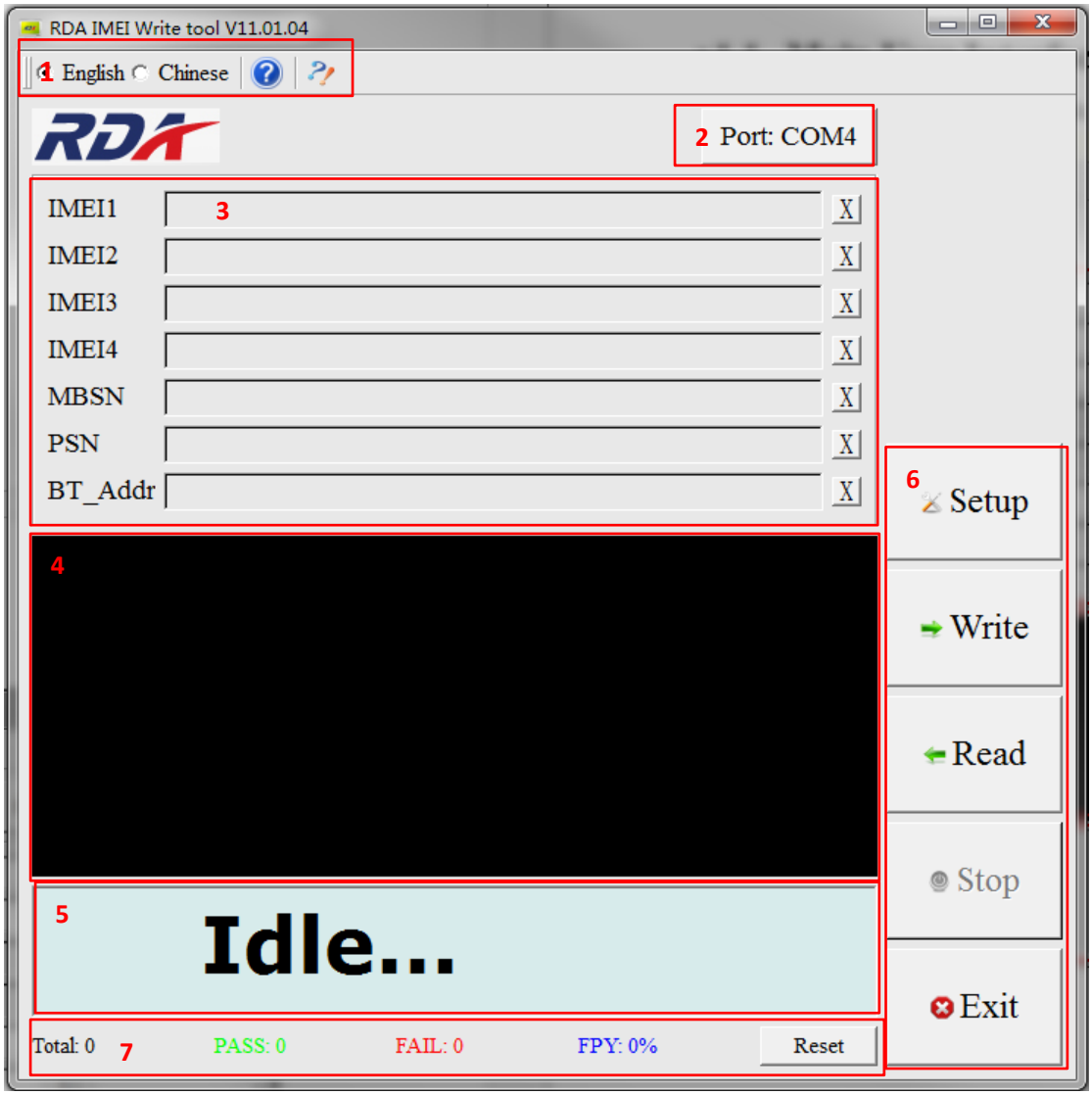


Figure 1-1 Main interface of WriteIMEI tool

The items and its function of main user interface are shown in Table 1-1.

Table 1-1 Description of items in main user interface

Icons	Description
1	Language , help, about buttons
2	Port/device selection button
3	Input box of Version, IMEI, SN, BT
4	Information box, display information during write process

5	Status box, display the status of success, failure, idle, unmount and so on
6	User function buttons
7	Total, pass, fail times and FPY, Reset button

1.2 Setup Interface

Click the setup button on the main interface to enter setting dialog, as shown in Figure 1-2.

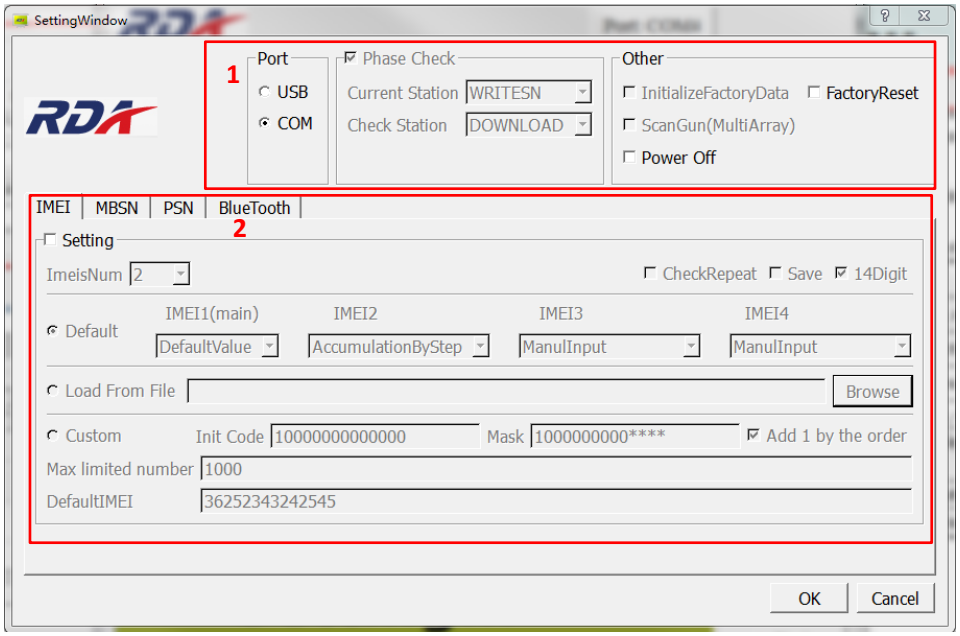


Figure 1-2 Setup dialog

The elements of interface are described in Table 1-2.

Table 1-2 Items of setup dialog

Items	Description
1	Connection mode, phase check selection box
2	Setup options of writing IMEI/SN/BT

1.2.1 Setup options of writing IMEI

Select the IMEI setting page and set the write IMEI options.

1. IMEI number and check settings

Set the number of IMEI through “ImeisNum” drop-down list on the interface. Enable repeatability checking and saving function by select the appropriate options.

2. IMEI generation mode settings

- Default mode: the main IMEI number is input by keyboard or scan gun and it also can set as default values. In addition to the above methods, other IMEI number has another generation method which is to increase the corresponding step based on the main IMEI value. As shown in Figure 1-3.

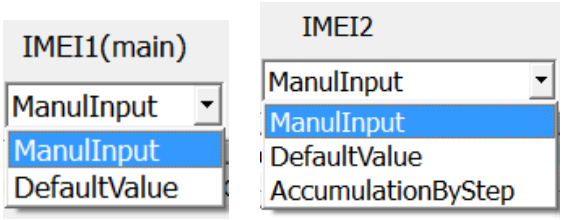


Figure 1-3 Default mode generating IMEI

- From data file is chosen to get the IMEI from an excel file in which there must be a table called IMEI and the IMEI numbers are listed in the first column.
- If Custom number is chosen, you have to input the initial IMEI in the initial number and designate the position to be generated automatically in the mask. Attention: Initial number and mask must match and * represents the position to be generated automatically. Max limited number is used for “From data file” and “Custom number”. It means that you can’t add any IMEI when it has imputed that number of IMEI.
- The max limited number is used to limit the number of IMEI written to the phone in from data file mode and custom mode.
- Default IMEI is used in default mode.

Note:

Except for the manual input mode, the other generation modes support continuous plug operation, that is, after the completion of the write, the phone will be pulled down, the program will automatically detect whether there is a new device connected to the port.

1.2.2 Setup options of writing SN

Similarly, Select the SN setting page and set the write SN options. As shown in Figure 1-4.

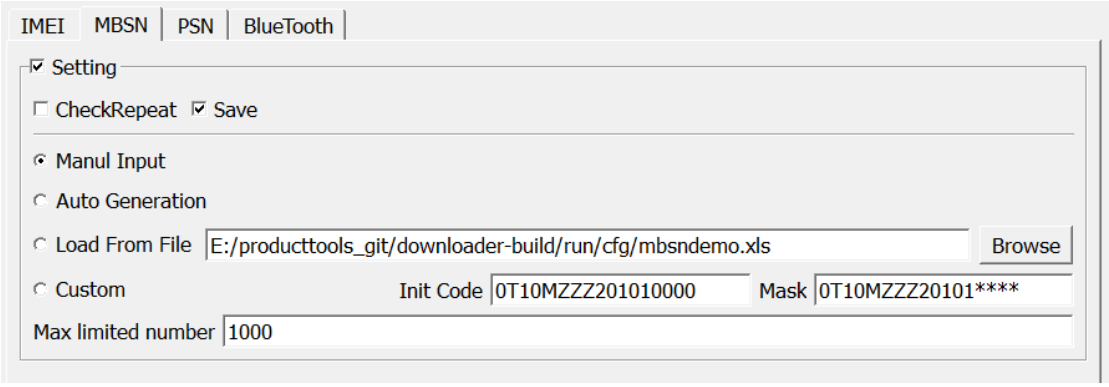


Figure 1-4 MBSN/PSN setting page

- Manual input is chosen to input the SN with the keyboard or a scanner.
- Automatic input is to generate SN according to the date and other information.
- From data file is chosen to get the SN from a excel file in which there must be a table called MBSN/PSN and the SN numbers are listed in the first column.
- If Custom number is chosen, you have to input the initial SN in the initial number and designate the position to be generated automatically in the mask. Attention: Initial number and mask must match and * represents the position to be generated automatically. Max limited number is used for “From data file” and “Custom number”. It means that you can’t add any SN when it has imputed that number of IMEI.
- The max limited number is used to limit the number of SN written to the phone in from data file mode and custom mode.

Note:

Except for the manual input mode, the other generation modes support continuous plug operation, that is, after the completion of the write, the phone will be pulled down, the program will automatically detect whether there is a new device connected to the port.

1.2.3 Setup options of writing BT

Select the BlueTooth setting page and set the write BT options. As shown in Figure 1-5.

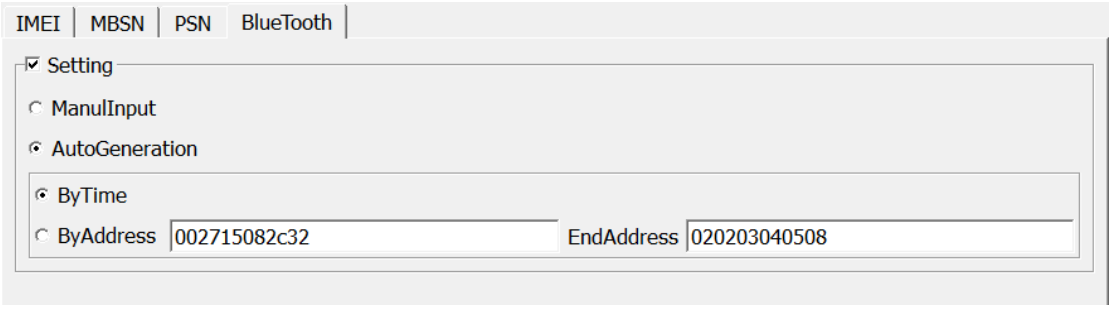


Figure 1-5 BlueTooth setting page

- Manual input is chosen to input the SN with the keyboard or a scanner. The input BT number must be composed of legitimate numbers or letters, if it is invalid, there will be a corresponding prompt.
- Automatic mode: automatically generate BT number according to the time or the address.

Note:

Except for the manual input mode, the other generation modes support continuous plug operation, that is, after the completion of the write, the phone will be pulled down, the program will automatically detect whether there is a new device connected to the port.

1.2.4 Other settings

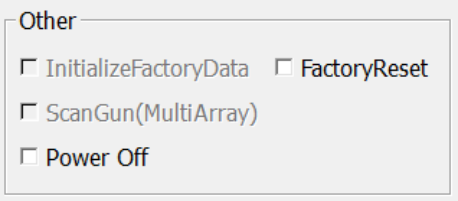


Figure 1-6 Other settings 1

1. InitializeFactoryData: If this box is checked, the factory data will be erased, contains IMEI, SN, BT and check stations;
2. FactoryReset: User saved data will be deleted, such as: phone number, SMS, music, photos and so on.
3. ScanGun(MultiArray): If the QR code contains more than one IMEI/PSN/BT Mac address information, all this data can be obtained by one scan and display on the interface.
4. Power Off: When the write process finished, the phone will auto power off.

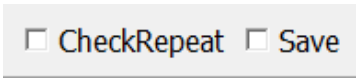


Figure 1-7 Other settings 2

1. CheckRepeat: If this box is checked, value of IMEI, SN, BT and check stations to be wrote will be checked whether they are repeat with corresponding xx_history.data files. If repeat, the following tips (Figure 1-8) will display and a new value is needed;

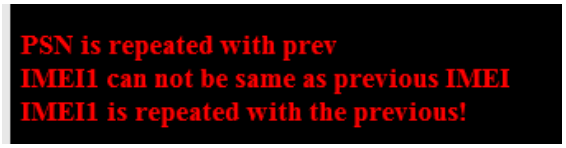


Figure 1-8 check repeat tips

2. Save: If this box is checked, value of IMEI, SN, BT and check stations to be wrote will be saved in corresponding xx_history.data files.

2 Operation Guide

2.1 Quick Start Guide

1. Running

   Run WriteImei.exe. The main interface is shown as Figure 1-1.

2. Select port/device

The port name will automatically display on the port button after the mobile phone successfully connected. If connection failed, it will display “port (none)”, as shown in Figure 2-1.

Figure 2-1 Port selection

3. Parameter setting

Click setup

button on the main interface to open setup dialog. Set the phase check and other parameter, as shown in Figure 1-2.

4. Begin to write

Click the start

button on the main interface.

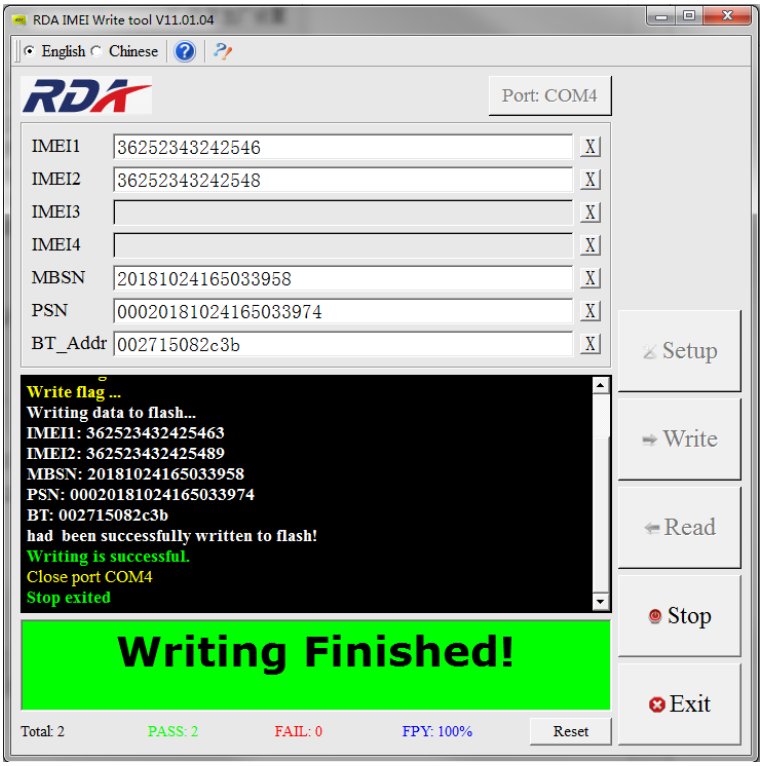
5. Writing complete

The information box output information and the status box will also show unmount, idle, writing, finished or error during the writing process.

Unmount

Idle...

Writting...



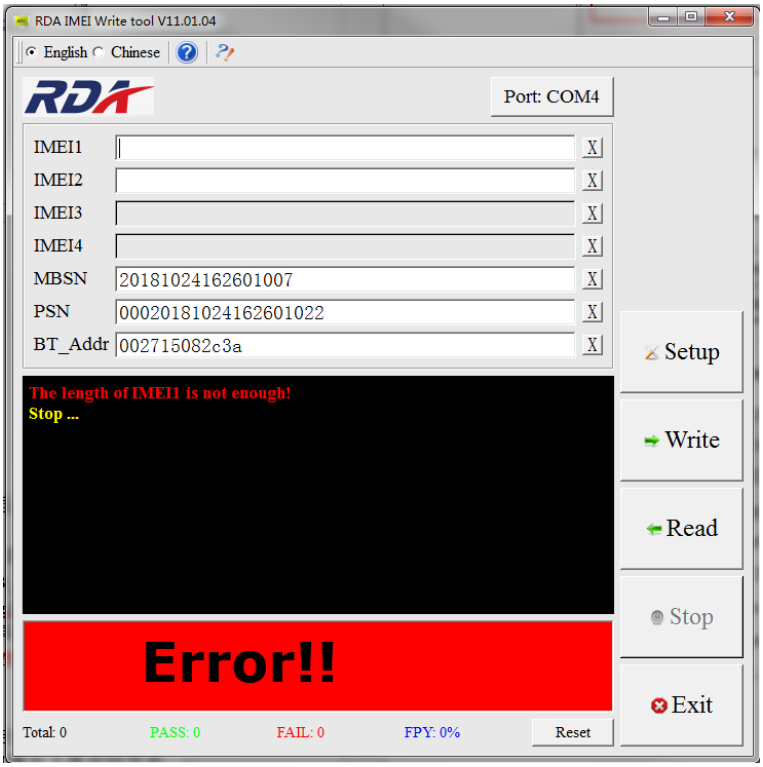


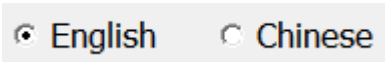
Figure 2-2 Different status during writing

2.2 Instruction of production and test

2.2.1 Illustration of COM Mode

If the COM mode is used, it needs to connect the phone to PC using USB serial device, and the battery powered is required. Hold down the power button until the screen is lighted up. Make sure to start when the screen is lit.

Note: The COM range is 0 ~ 255. If the port is out of the prescribed scope, such as COM366, please select the port again.

2.3 Language Setting

Switch to Chinese / English through the toolbar